PTO/SE/84 (08-03)
Approved for usethrough 07/31/2006. OMB 0651-0031
U.S. Palent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE
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Docket Number (Optional) PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b) PU0]0322 US RECEIVED First named inventor. RAMASWAMY, Kumar CENTRAL FAX CENTER Art Unit: 2618 Application No.: 10/029,645 **JAN 2 2** 2008 Examiner: YOUNG, Janelle N. Filed: 12/21/2001 Title: BI-DIRECTIONAL COMMUNICATION APPARATUS Attention: Office of Petitions Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 FAX: (703) 308-6916 If information or assistance is needed in completing this form, please contact NOTE: Petitions Information at (703) 305-9282. The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus any extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: Petition fee; (1)(2)Reply and/or issue fee; Terminal disclaimer with disclaimer fee - required for all utility and plant (3)applications filed before June 8, 1995; and for all design applications; and Statement that the entire delay was unintentional. (4) 1. Petition fee Small entity - fee \$_____ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. Other than small entity - fee \$1,540.00 (37 CFR 1.17(m)) 2. Reply and/or fee A. The reply and/or fee to the above-noted Office action in the form of _____(identify type of reply): has been filed previously on ___ is enclosed herewith. B. The issue fee of \$ 1,740.00 has been paid previously on _____ is enclosed herewith.

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This collection of information is required by 37 CFR 1.137. TheInformation is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chiefinformation Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. 1450. Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-900-PTO-9199 and select option 2.

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3.	Terminal disclaimer with disclaimer fee		JAN	2 2	2008
	☐ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.				2000
	A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ for a small entity or \$ for other than a small entity) disclaiming a period equivalent to the period of abandonment is enclosed herewith (see PTO/SB/63).				
4.	Statement. The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. (NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D))].				
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